

BAUPUR® 500 TOP M

Colourless polyurethane varnish for finishing layers – matt

PRODUCT DESCRIPTION

BAUPUR® 500 TOP M is a two-component, colourless, matt resin based on water polyurethane dispersion

USE

As a matting finishing layer in industrial and decorative flooring systems on the basis of dyed quartz aggregate, mineral-synthetic aggregate and coloured acrylic chips.

FOUNDATION

The surfaces to be protected with a layer of **BAUPUR® 500 TOP M** must be clean and free from substances decreasing adhesion. **BAUPUR® 500 TOP M** should be applied on the floor within 48 hours from making the last system layer. If the required period is not observed, the surface must be thoroughly ground and all dust must be removed from it.

CONDITIONS OF APPLICATION

- Temperature of the foundation – no less than +10°C
- Relative humidity of the air – max. 75%

NOTE: Special attention should be paid that the temperature of the foundation be at least 3°C over the dew point temperature. Rooms in which the works are performed must be ventilated.

MIESZANIE

BAUPOX® 500 TOP M is provided in original boxes where the amount of component A (resin) corresponds chemically to the amount of component B (hardener). Depending on the final use, the material should be prepared in proper amounts, unconditionally observing the indicated weight proportion.

After adding component B to component A mix it all thoroughly with a slow-speed mixer (max. 400 revolutions per minute) until a homogenous mixture is achieved (about 3-5 minutes).

PROCESSING SUITABILITY

At the temperature of 20°C and at the relative air humidity of 60-70%, the material remains suitable for use for 25-30 minutes after mixing.

- Increasing the temperature shortens the setting time of the resin and lowers its viscosity.
- Lowering the temperature prolongs the setting time of the resin and increases its viscosity.

EXAMPLES OF USE

Finish layer - matt

Apply **BAUPOX® 500 TOP M** in an even manner on the foundation with a varnish roller. Roll the material out in two perpendicular directions to achieve a uniform surface. In case of larger works change the roller every 30 minutes.

Consumption: 0.10 – 0.15 kg/m²

NOTE: Contact of newly made surfaces with moisture (rain, dew, high humidity of the air) will disturb the setting process. The surface may remain sticky for a longer period of time and have a tendency to develop milk-like pigmentation.

USABILITY

At the temperature of 20°C and relative air humidity of 60-70%:

- pedestrian traffic – after 24 hours
- mechanical loads – after 72 hours
- complete resistance – after 7 days.

CLEANING

Tools as well as possible stains should be cleaned when still fresh with water.

SAFETY MEASURES

BAUPUR® 500 TOP M is classified as a dangerous material. Guidelines as to the safety of work are included in the specification sheet of dangerous chemical preparations.

MISCELLANEOUS INFORMATION

- All the information contained herein refers to products stored and used in accordance with our recommendations. They have been presented in good faith and take into account the current state of knowledge and experience possessed by Bautech. You are obliged to use the product in accordance with its intended purpose and Bautech's recommendations. All the technical information provided herein is based on laboratory tests and trials. Out-of-laboratory tests may give different results due to the conditions, location, manner of application and other circumstances that are out of Bautech's control. Any different recommendations issued by our employees require a written form, on pain of nullity. These instructions replace all the previous ones and make them void.
- In case of adverse humidity and temperature conditions, heaters and/or air driers must be used.

PACKAGING

2,5 kg, 10 kg

STORAGE

6 months from the date of production specified on the packaging, when stored on pallets in originally closed packaging and at the temperature from +10 to 25°C.

TECHNICAL DATA

Product compliant with EN-13813

Mixing proportions (component A – component B)	100 : 19 w in terms of weight
Density	about 1,0 g/cm ³
Colour	colourless, transparent
Usability time at +20°C – 100g	about 25 min.
Adhesion after 28 days	over 1.5 N/mm ² (B1.5)
Application temperature	from +10°C to +25°C Temperature of the foundation at least 3 °C over the dew point

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EN 13813
SR-B1,5